



Express Mail No. EV335522938US

Attorney Docket No. 108298633US

Disclosure No. 01-0389

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: STEPHEN MOXHAM AND
WILLIAM STEPHENSON

APPLICATION No.: 10/034,924

FILED: DECEMBER 26, 2001

FOR: **METHOD AND APPARATUS FOR
SUPPORTING MICROELECTRONIC
SUBSTRATES**

EXAMINER: ALEXANDER O.
WILLIAMS

ART UNIT: 2826

CONF. NO: 1417

Supplemental Information Disclosure Statement
As Submission Under 37 C.F.R. § 1.114

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed with a Request for Continued Examination under 37 C.F.R. § 1.114. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☐ Copies of the following references are enclosed:

- ☒ All cited references
☐ References marked by an asterisk (*)

☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
☒ References marked by a pound sign (#)

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.


4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
Perkins Coie LLP

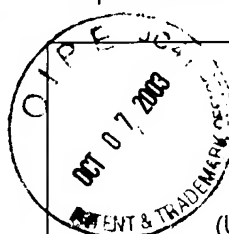


David T. Dutcher
Registration No. 51,638

Date: 10/7/03

Correspondence Address:

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 359-8000


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

 Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				Application Number	10/034,924
				Confirmation Number	1417
				Filing Date	December 26, 2001
				First Named Inventor	Stephen Moxham
				Group Art Unit	2826
				Examiner Name	Alexander O. Williams
				Attorney Docket No.	108298633US
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		5,255,156		Chang	10/19/1993	
		5,286,679		Farnworth et al.	02/15/1994	
		5,444,303		Greenwood et al.	08/22/1995	
		5,504,373		Oh et al.	04/02/1996	
		5,544,124		Zagar et al.	08/06/1996	
		5,642,262		Terrill et al.	06/24/1997	
		5,656,863		Yasunaga et al.	08/12/1997	
		5,723,906		Rush	03/03/1998	
		5,734,559		Banerjee et al.	03/31/1998	
		5,843,799		Hsu et al.	12/01/1998	
		5,936,844		Walton	08/10/1999	
		5,946,314		Licciardi et al.	08/31/1999	
		6,048,755		Jiang et al.	04/11/2000	
		6,108,210		Chung	08/22/2000	
		6,111,205		Leddige et al.	08/29/2000	
		6,118,179		Farnworth et al.	09/12/2000	
		6,150,717		Wood et al.	11/21/2000	
		6,159,764		Kinsman et al.	12/12/2000	
		6,180,504	B1	Farnworth et al.	01/30/2001	
		6,232,147	B1	Matsuki et al.	05/15/2001	
		6,429,528	B1	King et al.	08/06/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
		EP	0 398 628	A2 A3	Kabushiki Kaisha Toshiba	11/22/1990		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



Attorney Docket No. 108298633US
Disclosure No. 01-0389

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/034,924
Confirmation Number	1417
Filing Date	December 26, 2001
First Named Inventor	Stephen Moxham
Group Art Unit	2826
Examiner Name	Alexander O. Williams
Attorney Docket No.	108298633US

Sheet 2 of 2

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
		EP	0 413 451	A2 A3	Inmos Ltd.	02/20/1991		
		WO	92/17901	A1	Integrated System Assemblies Corporation	10/15/1992		
	#	DE	196 00 401	A1	Siemens AG	07/17/1997		
	#	DE	197 14 470	A1	Hewlett-Packard Co.	12/11/1997		
		EP	0 853 337	A1	Fujitsu Ltd.	07/15/1998		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
		VAN ZANT, Peter, "Microchip Fabrication: A Practical Guide to Semiconductor Processing," page 545, McGraw-Hill, New York, Third Edition, October 1996, ISBN: 0070672504.	
		HARPER, Charles A. and MILLER, Martin B., "Electronic Packaging, Microelectronics, and Interconnection Dictionary," page 211, McGraw-Hill, New York, February 1993, ISBN: 0070266883.	
		KOHL, James E. et al., "Low Cost Chip Scale Packaging and Interconnect Technology," 7 pages, Proceedings of the Surface Mount International Conference, San Jose, California, September 1997, < http://www.epic-tech.com/smtppr.pdf >.	
		KOHL, James E. et al., "EPIC CSP™ Assembly and Reliability Methods," 5 pages, Proceedings of CSI98, Santa Clara, California, May 1998, < http://www.epic-tech.com/cspi982.pdf >.	
		SINGER, Adam T. et al., "Cost Considerations for CSP Variations," 9 pages, presented at Chip Scale International, San Jose, California, May 1998, < http://www.epic-tech.com/ibis_papr.pdf >.	
		TESSIER, Theodore G. et al., "Technologies and Trends in Wafer Level Packaging," 15 pages, Future Fab International, Volume 11, June 29, 2001, < http://www.future-fab.com/documents.asp?d_ID=660 >.	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).